LIVE DJ MUSIC & VIDEO PRODUCTION
See how the world's top DJ uses PTZOptics cameras

DeadMau5 (Joel Zimmerman), is one of the world's most influential DJs. When DeadMau5 announced his new 2019-2020 world tour, the electronic music producer unveiled plans for a modernized "Cube v3" stage concept. The iconic cube includes DJ booth enclosed in LED walls and outfit with four PTZOptics 20X-SDI cameras used to distribute live video throughout the venue. Zimmerman uses custom Python codes to control the open-source PTZOptics cameras which are synced up with his DJ software and an application called TouchDesigner.

SETUP DETAILS

PTZOptics 20X-SDI Cameras
Keys Vineyward church is a large space that requires cameras to zoom in from far distances.

Touch Designer
TouchDesigner is a popular application for musicians who want to control anything from PTZ camears to stage lights and more..

MIDI
MIDI stands for Musical Instrument Digital Interface. This is a technical standard that can be used to control PTZ cameras.

www.ptzoptics.com

152 Robbins rd, Downingtown, PA 19335, USA

Phone: 1-800 486-5276

Email: sales@ptzoptics.com

○ **Custom Programming:** For advanced integrations, PTZOptics open-source control software is a game-changer.

● **3G-SDI:** Each camera uses an un-compressed 3 gigabit 1080p video feed set to 60 frames per second for maximum full HD quality,

● **Network Solution:** The cameras are not only powered over ethernet, but they are also receiving low latency commends over ethernet from TouchDesigner and other video production software.

LIVE STAGE PRODUCTIONS

Cube v3 glows with custom visual effects designed by deadmau5. The cube can spin 360 degrees and dip 45 degrees during performances. The system uses a real-time IP network to communicate with the PTZOptics cameras over Artnet. The cameras can then position themselves remotely to match the movement of this massive cube and keep the images straight.

PTZ CAMERA CONTROL OVER MIDI

Download our free MIDI control app

It is now possible to control PTZOptics camera presets from DAW (Digital Audio Workstation) software. The new PTZOptics MIDI control software can become the bridge for up to 120 unique MIDI notes directing PTZ cameras where to move throughout musical performances.

Download this app at

https://ptzoptics.com/apps

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